

Docket No.
12558 (SGNA 1014)

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND DEVICE FOR INSERTING AND AUTHENTICATING A DIGITAL SIGNATURE IN DIGITAL DATA

the specification of which

(check one)

☒ is attached hereto.

☐ was filed on _____ as United States Application No. or PCT International Application Number _____ and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

_____	_____
(Application Serial No.)	(Filing Date)
_____	_____
(Application Serial No.)	(Filing Date)
_____	_____
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

Stephan D. Murphy, Reg. No.: 22,002

Paul J. Esatto, Reg. No.: 30,749

William C. Roch, Reg. No.: 24,972

Mark J. Cohen, Reg. No.: 32,211

Frank S. DiGiglio, Reg. No.: 31,346

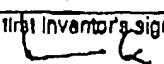
Donald T. Black, Reg. No.: 27,999

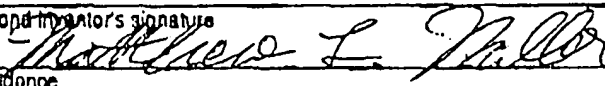
Philip J. Feig, Reg. No.: 27,328

Andrew G. Isztwan, Reg. No.: 40,028

Send Correspondence to: Paul J. Esatto, Jr.
Scully, Scott, Murphy & Presser
400 Garden City Plaza
Garden City, New York 11530

Direct Telephone Calls to: *(name and telephone number)*
Paul J. Esatto, Jr. (516) 742-4343

Full name of sole or first inventor Ingemar J. Cox	
Sole or first inventor's signature 	Date 4/20/99
Residence Lawrenceville, New Jersey 08648	
Citizenship USA	
Post Office Address 21 Le Parc Drive	
Lawrenceville, New Jersey 08648	

Full name of second inventor, if any Matthew L. Miller	
Second inventor's signature 	Date 4/20/99
Residence Princeton, New Jersey 08540	
Citizenship USA	
Post Office Address 12 Quarry Street, Apt. 2	
Princeton, New Jersey 08540	

Full name of third inventor, if any Douglas P. Rayner	
Third inventor's signature	Date
Residence San Francisco, California	
Citizenship USA	
Post Office Address 74 Diamond Street	
San Francisco, California 94114	

Full name of fourth inventor, if any	
Fourth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Express Mail Label No.

Docket No.
12558 (SGNA 1014)

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND DEVICE FOR INSERTING AND AUTHENTICATING A DIGITAL SIGNATURE IN DIGITAL DATA

the specification of which

(check one)

☒ is attached hereto.

☐ was filed on _____

as United States Application No. or PCT International

Application Number _____

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, filed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

Form PTO/COM-27 (2-99) (Rev. 10-97)

POSTOFFICE

Patent and Trademark Office - U.S. DEPARTMENT OF COMMERCE

APR-29-1999 14:37 FROM SCULLY SCOTT

Page 2 of 4

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 366(o) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that those statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

APR 29 1999 14:37 (SCULLY)

Patented and Trademark Office U.S. DEPARTMENT OF COMMERCE

04/20/1999 13:54 4155650748
APR-20-1999 14:39 FROM SCULLY SCOTT

DOUG RAYNER
TO

PAGE 04
914155550748 P.09

Page 4 of 4

Full name of third inventor, if any Douglas P. Rayner	
Third inventor's signature <i>Douglas Rayner</i>	Date 4/20/99
Residence San Francisco, California	
Citizenship USA	
Post Office Address 74 Diamond Street	
San Francisco, California 94114	

Full name of fourth inventor, if any	
Fourth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

PATENTS ONLY

Tab settings ⇨ ⇨ ⇨ ▽ ▽ ▽ ▽ ▽ ▽ ▽ ▽

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Ingemar J. Cox
Matthew L. Miller
Douglas P. Rayner

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: SIGNAFY, INC.

Address: 4 Independence Way

City: Princeton

State/Prov.: NJ

Country: USA

ZIP: 08540

Additional name(s) & address(es)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: April 20, 1999

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: April 20, 1999

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Paul J. Esatto, Jr.

Registration No. 30,749

Address: Scully, Scott, Murphy & Presser

400 Garden City Plaza

City: Garden City, State/Prov.: NY

Country: USA ZIP: 11530

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

19-1013(SSMP)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Paul J. Esatto, Jr.

April 20, 1999

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

6

DOCKET NO.: 112558 (SGN-1014)

ASSIGNMENT

Whereas, we,

INVENTOR
AND CITY(1) Ingemar J. Cox
County of Mercerof Lawrenceville
and State of New Jersey(2) Matthew L. Miller
County of Mercerof Princeton
and State of New Jersey(3) Douglas P. Rayner
County ofof San Francisco
and State of California

have invented certain improvements in

TITLE

METHOD AND DEVICE FOR INSERTING AND
AUTHENTICATING A DIGITAL SIGNATURE IN DIGITAL
DATADATE THAT
DECLARATION
WAS SIGNED

and executed, a United States patent application therefor on

(1) *April 20, 1999*(2) *April 20, 1999*

and (3)

Whereas, SIGNAFY, INC., a corporation of New York, having a place of business at 4 Independence Way, Princeton, New Jersey 08540 (hereinafter called SIGNAFY), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now, therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign and transfer to SIGNAFY, its successors and assigns, the entire right, title and interest in the said application and any division or continuation thereof and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the invention set forth in said application to SIGNAFY, its successors and assigns; and we hereby agree that SIGNAFY may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by SIGNAFY.

C:\WBC\1256\12558\W18C\ASB0

Signed and Sealed

CITY
DATE(1) at South Brunswick, NJ Ingemar J. Cox
on April 20, 1998

Signed and Sealed

CITY
DATE(2) at South Brunswick, NJ Matthew L. Miller
on April 20, 1998CITY
DATE(3) at South Brunswick, NJ Douglas P. Rayner
on , 1998State of New Jersey)
County of Middlesex) ss:

Inventor (1) On this 20th day of April, 1998, before me personally came Ingemar J. Cox, to me personally known and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Philip J. Fize
Notary Public in and for the State of New Jersey

State of New Jersey)
County of Middlesex) ss:

Inventor (2) On this 20th day of April, 1998, before me personally came Matthew L. Miller, to me personally known and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Philip J. Fize
Notary Public in and for the State of New Jersey

C:\NBC\1256\12558\MT3C\A30C

DOCKET NO.: 112558 (SGN-1014)

ASSIGNMENT

Whereas, we,

INVENTOR
AND CITY

(1) Ingemar J. Cox
County of Mercer

of Lawrenceville
and State of New Jersey

(2) Matthew L. Miller
County of Mercer

of Princeton,
and State of New Jersey

(3) Douglas P. Rayner
County of

of San Francisco
and State of California

have invented certain improvements in

TITLE

METHOD AND DEVICE FOR INSERTING AND
AUTHENTICATING A DIGITAL SIGNATURE IN DIGITAL
DATA

DATE THAT
DECLARATION
WAS SIGNED

and executed, a United States patent application therefor on

(1) , (2)
and (3) April 20, 1999

Whereas, SIGNAFY, INC., a corporation of New York, having a place of business at 4 Independence Way, Princeton, New Jersey 08540 (hereinafter called SIGNAFY), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now, therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign and transfer to SIGNAFY, its successors and assigns, the entire right, title and interest in the said application and any division or continuation thereof and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the invention set forth in said application to SIGNAFY, its successors and assigns; and we hereby agree that SIGNAFY may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by SIGNAFY.

4155650748

04-29-1999

Docket No.: 12558

SHB

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings ⇨ ⇨ ⇨ ▽



Y 4/29/99

To the Honorable Commissioner of

101022332

the attached original documents or copy thereof.

1. Name of conveying party(ies):

Ingemar J. Cox
Matthew L. Miller
Douglas P. Rayner

2. Name and address of receiving party(ies):

Name: SIGNAFY, INC.

Address: 4 Independence Way

City: Princeton

State/Prov.: NJ

Country: USA

ZIP: 08540

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: April 20, 1999

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: April 20, 1999

Patent Application No.

Filing date

B. Patent No.(s)

09/294956

Additional numbers

☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Paul J. Esatto, Jr.

Registration No. 30,749

Address: Scully, Scott, Murphy & Presser

400 Garden City Plaza

04/28/1999 DNGUYEN 00000264 191013 09294956

01 FC:581 40.00 CH

City: Garden City, State/Prov.: NY

Country: USA ZIP: 11530

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

19-1013(SSMP)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Paul J. Esatto, Jr.

Name of Person Signing

Signature

April 20, 1999

Date

6

Total number of pages including cover sheet, attachments, and

DOCKET NO.: 112558 (SGN-1014)

ASSIGNMENT

Whereas, we,

INVENTOR
AND CITY(1) Ingemar J. Cox
County of Mercerof Lawrenceville
and State of New Jersey(2) Matthew L. Miller
County of Mercerof Princeton
and State of New Jersey(3) Douglas P. Rayner
County ofof San Francisco
and State of California

have invented certain improvements in

TITLE

METHOD AND DEVICE FOR INSERTING AND
AUTHENTICATING A DIGITAL SIGNATURE IN DIGITAL
DATADATE THAT
DECLARATION
WAS SIGNED

and executed, a United States patent application therefor on

(1) *April 20, 1999*, (2) *April 20, 1999*
and (3)

Whereas, SIGNAFY, INC., a corporation of New York, having a place of business at 4 Independence Way, Princeton, New Jersey 08540 (hereinafter called SIGNAFY), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now, therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign and transfer to SIGNAFY, its successors and assigns, the entire right, title and interest in the said application and any division or continuation thereof and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the invention set forth in said application to SIGNAFY, its successors and assigns; and we hereby agree that SIGNAFY may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by SIGNAFY.

C:\WEC\11256\112558\WZAC\ASBA

Signed and Sealed

CITY
DATE(1) at South Brunswick, NJ
on April 20, 1998 Ingemar J. Cox

Signed and Sealed

CITY
DATE(2) at South Brunswick, NJ
on April 20, 1998 Matthew L. MillerCITY
DATE(3) at South Brunswick, NJ
on , 1998 Douglas P. RaynerState of New Jersey)
County of Middlesex) ss:

Inventor (1) On this 20th day of April, 1998, before me
personally came Ingemar J. Cox, to me personally
known and known to me to be the person described in and who executed
the foregoing assignment, and he acknowledged to me that he executed the
same as his free act and deed.

Philip J. Fip
Notary at Law Notary of the State of New Jersey

State of New Jersey)
County of Middlesex) ss:

Inventor (2) On this 20th day of April, 1998, before me
personally came Matthew L. Miller, to me personally
known and known to me to be the person described in and who executed
the foregoing assignment, and he acknowledged to me that he executed the
same as his free act and deed.

Philip J. Fip
Notary at Law Notary of the State of New Jersey

C:\WEC\1256\12558\W13C\A30C

DOCKET NO.: 112558 (SGN-1014)

ASSIGNMENT

Whereas, we,

INVENTOR
AND CITY

(1) Ingemar J. Cox
County of Mercer

of Lawrenceville
and State of New Jersey

(2) Matthew L. Miller
County of Mercer

of Princeton
and State of New Jersey

(3) Douglas P. Rayner
County of

of San Francisco
and State of California

have invented certain improvements in

TITLE

METHOD AND DEVICE FOR INSERTING AND
AUTHENTICATING A DIGITAL SIGNATURE IN DIGITAL
DATA

DATE THAT
DECLARATION
WAS SIGNED

and executed, a United States patent application therefor on

(1) , (2)
and (3) April 20, 1999

Whereas, SIGNAFY, INC., a corporation of New York, having a place of business at 4 Independence Way, Princeton, New Jersey 08540 (hereinafter called SIGNAFY), desires to acquire the entire right title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now, therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign and transfer to SIGNAFY, its successors and assigns, the entire right, title and interest in the said application and any division or continuation thereof and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the invention set forth in said application to SIGNAFY, its successors and assigns; and we hereby agree that SIGNAFY may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by SIGNAFY.

4155650748

04/20/1999 13:54

4155558748

DOUG RAYNER

PAGE 02

APR-20-1999

14:35

FROM

SCULLY SCOTT

TO

914155558748

P.93

Signed and Sealed

CITY
DATE

(1) at South Brunswick, NJ
on _____, 1998 Ingemar J. Cox

Signed and Sealed

CITY
DATE

(2) at South Brunswick, NJ
on _____, 1998 Matthew L. Miller

CITY
DATE

(3) at South Brunswick, NJ
on 20 April 1998 Douglas B. Rayner
1999

State of New Jersey)
County of Middlesex) ss:

Inventor (1) On this _____ day of _____, 1998, before me
personally came _____, to me personally
known and known to me to be the person described in and who executed
the foregoing assignment, and he acknowledged to me that he executed the
same as his free act and deed.

Notary

State of New Jersey)
County of Middlesex) ss:

Inventor (2) On this _____ day of _____, 1998, before me
personally came _____, to me personally
known and known to me to be the person described in and who executed
the foregoing assignment, and he acknowledged to me that he executed the
same as his free act and deed.

Notary

PATENTS ONLY

Tab settings → → → ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Signafy, Inc.

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: NEC Corporation

Address: 7-1, Shiba 5-chome

Minato-ku

City: Tokyo

State/Prov.: _____

Country: Japan

ZIP: _____

Additional name(s) & address(es)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Execution Date: December 9, 2002

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.

Filing date

B. Patent No.(s)

09/215,960

09/924,616

6,332,194

6,456,725

6,510,234

09/294,956

6,263,087

6,282,300

6,128,736

6,438,252

5,991,426

6,108,434

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Paul J. Esatto, Jr.

Registration No. 30,749

Address: Scully, Scott, Murphy & Presser

400 Garden City Plaza

City: Garden City

State/Prov.: NY

Country: U.S.A.

ZIP: 11530

6. Total number of applications and patents involved:

12

7. Total fee (37 CFR 3.41):.....\$ 480.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

19-1013

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Paul J. Esatto, Jr., Reg. No. 30,749

Name of Person Signing

Signature

January 23, 2003

Date

4

Total number of pages including cover sheet, attachments, and

ASSIGNMENT

WHEREAS, SIGNAFY, INC., a corporation organized and existing under the laws of the State of Georgia, United States of America, having a place of business at 4 Independence Way, Princeton, New Jersey, 08540, United States of America, (hereinafter, ASSIGNOR);

WHEREAS, the ASSIGNOR owns certain rights in and to certain patents, utility models and patent applications (whether provisional or otherwise), for the United States of America and other countries foreign thereto;

WHEREAS, NEC CORPORATION, a corporation of Japan, having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan, (hereinafter, ASSIGNEE);

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, the ASSIGNOR has agreed to assign and transfer and does hereby assign and transfer unto ASSIGNEE, its successors and assigns, all of the right, title and interest which ASSIGNOR owns in and to the patents, utility models, and patent applications (whether provisional or otherwise), listed in the Patent Schedule (attached hereto and made a part hereof) and in and to any division, continuation or continuation-in-part, of said applications, and in and to any and all Letters Patent and reissues and extensions thereof, of the United States of America and all countries foreign thereto (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties or otherwise), which have been or may be granted on any of the foregoing to be held and enjoyed as fully and exclusively as they would have been by ASSIGNOR had this assignment and transfer not been made;

The ASSIGNOR does further agree to execute and deliver without further consideration any further applications, assignment and documents, and to perform such other

acts as may be deemed necessary by said ASSIGNEE, its successors, assigns, and nominees, fully to secure its interest as aforesaid and to obtain or maintain Letters Patent in any and all countries;

And the undersigned do hereby authorize and request the U.S. Commissioner of Patents and Trademarks and the patent offices of all other countries of the world to issue any and all Letters Patents which may be granted upon any of the said applications, to the said ASSIGNEE, as the assignee of the entire interest herein.

In witness whereof, the undersigned has hereunto executed this document on the day and year set forth below.

SIGNAFY, INC.

by: 

Name Typewritten: Timothy M. Donovan

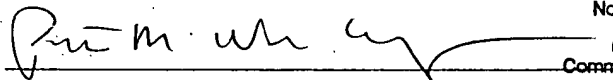
Title: Secretary

State of New York

County of Suffolk

The foregoing instrument was acknowledged before me the undersigned notary on this 9th day of December, 2002 by Timothy M. Donovan

of SIGNAFY, INC., and on behalf thereof. He is personally known to me.



PETER M. WEINBERG
Notary Public, State of New York
No. 02WE5000652
Qualified in Nassau County
Commission Expires August 17, 2006

Notary: 1

Name: _____

My Commission Expires: _____

State of _____

County of _____

<u>U.S. Appln. No.</u>	<u>Filed</u>	<u>Patent No.</u>	<u>Issued</u>
09/092,431	6/5/98	6,332,194	12/18/01
09/105,495	6/26/98	6,263,087	7/17/01
09/215,958	12/18/98	6,128,736	10/3/00
09/215,960	12/18/98		
09/216,499	11/23/99	5,991,426	11/23/99
09/294,956	4/20/99		
09/310,409	5/12/99	6,510,234	1/21/03
09/339,541	6/24/99	6,456,725	9/24/02
09/489,752	8/28/01	6,282,300	8/28/01
09/817,422	3/26/01	6,438,252	8/20/02
09/924,616	8/8/01		
09/928,576	9/12/97	6,108,434	8/22/00



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JUNE 29, 1999

PTAS

SCULLY, SCOTT, MURPHY & PRESSER
PAUL J. ESATTO, JR.
400 GARDEN CITY PLAZA
GARDEN CITY, NY 11530



101022332A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/20/1999

REEL/FRAME: 9906/0191
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

COX, INGEMAR J.

DOC DATE: 04/20/1999

ASSIGNOR:

MILLER, MATTHEW L.

DOC DATE: 04/20/1999

ASSIGNOR:

RAYNER, DOUGLAS P.

DOC DATE: 04/20/1999

ASSIGNEE:

SIGNAFY, INC.
4 INDEPENDENCE WAY
PRINCETON, NEW JERSEY 08540

SERIAL NUMBER: 09294956
PATENT NUMBER:

FILING DATE: 04/21/1999
ISSUE DATE:

9906/0191 PAGE 2

JACQUELINE MOORE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS